

EX PARTE OR LATE FILED

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MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

1993 MAR -2 PM 3:38

February 15, 1993

The Honorable Paul Wellstone
United States Senate
Washington, D.C. 20510

RECEIVED

MAR 16 1993

Dear Senator Wellstone:

I and hundreds of thousands of young and old enjoy the hobby of building and flying radio controlled model airplanes. FCC-MAIL ROOM

Our equipment today due to frequency allocation for our radio equipment, which has been updated during the past few years, works extremely well even though we've been able to share the band with land mobile units.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. We are told that if PR Docket 92-235 is adopted, 62% of our frequencies will be lost as it will become too risky and dangerous to fly on these frequencies.

Please help me continue the safe enjoyment of my pastime by NOT allowing the FCC to carry out its proposals for the 72-76 MHz band on PR Docket 92-235.

Sincerely,

Gerald E. Kust
2709 ROSEWOOD LANE
MOUND, MN
55364

EX PARTE OR LATE FILED

RECEIVED

The Honorable Paul Wellstone
United States Senate
Washington, DC 20510

1993 MAR -2 PM 3:36

MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dear Sir:

I have been in model aviation for about ten years and have enjoyed countless hours of enjoyment in researching, building and flying scale aircraft.

Enclosed is a cover of a recent magazine showing that, for many, the hobby has grown beyond the 'stick and tissue' days. My most recent project is a 1943 Piper L4-H Liaison aircraft. It is quarter scale, 105" span, 18" propeller turned by a 1.37ci gas engine. It is entirely 'scratch built'. No kit. I have countless hours and dollars into the project. I will compete with it this summer.

I do whatever is possible to ensure the safety of the aircraft and the surrounding people and property when I fly by using radio transmitters and receivers built to the highest standards.

A proposal by the FCC (PR Docket 92-235) to create more mobile land frequencies in the 72-76 MHz band would render many of our model aircraft frequencies unusable and greatly crowd the remaining frequencies.

I love my hobby and so do my children. I would like to keep it as safe as possible.

Please help me and thousands of other modelers continue our hobby by preventing any changes in the 72-76 MHz band.

Thank you.



Michael A. Pfeifer
President of North West R/C club located in Ramsey, MN

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

2/11/93

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

Dear Senator Wellstone,

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for radio controlled model airplane use and increase the frequency of accidents that might occur from loss of control those model airplanes.

Our radio control frequencies are in the 72-76 MHz band. We share this band with private land mobile dispatch operations. Currently, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, the land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our currently assigned radio frequencies in order to assure a safe flying environment.

I do not believe it is necessary or fair for the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. In many cases this investment is thousands of dollars. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. Our hobby also provides an introduction to many engineering and scientific principles to many youths.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,



Bob Rank
13675 Norelins Lane
Lindstrom, MN 55045

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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I do not believe it is necessary or fair for the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. In many cases this investment is thousands of dollars. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. Our hobby also provides an introduction to many engineering and scientific principles to many youths.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,



Mark Robotti
26540 Olympic Trail N
Lindstrom, MN 55045

EX PARTE OR LATE FILED

February 10, 1993

The Honorable Paul Wellstone
702 Hart Building 1993 MAR 5:43
Washington, D. C. 20510

RECEIVED

MAR 16 1993

Dear Mr. Wellstone:

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I have been involved in radio-control Model Aviation for a number of years and find the selecting, building and flying of these models to be a challenging and rewarding activity. I am an active member of the Rice County Radio Control Flyers club and thoroughly enjoy the camaraderie this hobby affords.

I have learned of and I am very concerned with proposed rules that are currently under consideration by the Federal Communication Commission, namely PR Docket 92-235. If these rules are adopted, they will greatly reduce the usability of frequencies assigned for model use and will cause us great concern for the safe operation of these models.

Our models operate on the 72-76 MHz band. This band is primarily used for private land mobile dispatch. In it's present state this does not cause serious problems because our radio control frequencies in this band are spaced far enough apart from the land mobile frequencies to permit us to share the band without interference with each other.

The proposal by the FCC would create more land mobile frequencies by splitting the present frequencies into narrower band widths and rearrange the band plan. This would mean that many land mobile frequencies would move so close to the radio control frequencies as to cause interference to radio controlled models. It appears that, with the proposal, only 19 frequencies of the present available 50 frequencies assigned to radio control model airplanes would be usable.

Radio control modelers are very safety conscious as can be attested by our fine safety record. We carefully control frequency use, when more than one flyer is flying, so that one will not interfere with the others. With our present 50 available frequencies, this does not pose a problem and everyone is able to enjoy the hobby to the extent he wishes. The reduction in the amount of frequencies available would hamper our safety efforts and likely increase accidents and injuries. The models do get quite large and are quite expensive to build. The loss of the radio signal or interference from some other device can cause a modeler to lose control of the model endangering people and property.

RANDALL MATTHESON
1340 HERITAGE DR. #152
NORTHFIELD, MN 55057

Feb 18, 93

The Honorable:

Senator Paul Wellstone

RECEIVED

MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I am concerned about new rules under consideration by the FCC, Ref. Docket 92-235. This plan would create more radio frequencies for land mobile use, and could cause interference with radio controlled model airplanes on nearby channels. If adopted, these new rules will greatly increase the risk of accident and liability for radio controlled airplanes.

I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. We have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

Bill Igoe

Bill Igoe

10519 Maryland Rd.

Bloomington, MN 55438

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MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

February 15, 1993

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MAR 16 1993

FCC - MAIL ROOM

The Honorable Paul Wellstone
United States Senate
Washington, D.C. 20510

Dear Senator Wellstone:

I and hundreds of thousands of young and old enjoy the hobby of building and flying radio controlled model airplanes.

Our equipment today due to frequency allocation for our radio equipment, which has been updated during the past few years, works extremely well even though we've been able to share the band with land mobile units.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. We are told that if PR Docket 92-235 is adopted, 62% of our frequencies will be lost as it will become too risky and dangerous to fly on these frequencies.

Please help me continue the safe enjoyment of my pastime by NOT allowing the FCC to carry out its proposals for the 72-76 MHz band on PR Docket 92-235.

Sincerely,

Robert Arko
298-8TH Ave, N.W.
New Brighton, Minn. 55112

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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FEDERAL COMMUNICATIONS COMMISSION
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Dear Senator Wellstone,

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for radio controlled model airplane use and increase the frequency of accidents that might occur from loss of control those model airplanes.

Our radio control frequencies are in the 72-76 MHz band. We share this band with private land mobile dispatch operations. Currently, our radio control frequencies in this band are far enough apart from the land mobile frequencies that we have been able to share the band without either use interfering with the other.

The FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, the land mobile frequencies will move closer to the radio control frequencies and cause interference to radio control operations. I am told that of the 50 frequencies that are presently available for radio control of model airplanes, only 19 frequencies will be left if these new rules are adopted.

When we fly our model airplanes under radio control, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the radio control frequencies. If the number of usable frequencies is reduced as proposed by the FCC, the remaining frequencies will become congested and the margin of safety will be greatly decreased.

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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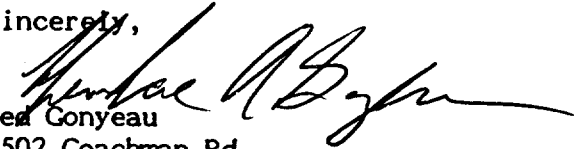
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Please understand that many model airplanes have wing spans up to 10 feet and weigh as much as 30 or 40 pounds. The models themselves are expensive to build; but more to the point, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control of the craft. We often fly our models at organized events and contests where hundreds of operators participate. We need the use of our currently assigned radio frequencies in order to assure a safe flying environment.

I do not believe it is necessary or fair for the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. In many cases this investment is thousands of dollars. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry. Our hobby also provides an introduction to many engineering and scientific principles to many youths.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,


Ted Conyeau
3502 Coachman Rd.
Eagan, MN 55122

EX PARTE OR LATE FILED

RECEIVED

The Honorable Paul Wellstone

c. 13

2/11/93

EX PARTE OR LATE FILED

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The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,



Dan Regan
1327 10th St NW #206
New Brighton, MN 55112

The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

2/11/93

RECEIVED

MAR 16 1993

Dear Senator Wellstone,

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

1993 MAR -1 PM 5:43

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for radio controlled model airplane use and increase the frequency of accidents that might occur from loss of control those model airplanes.

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Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72 - 76 MHz band.

Sincerely,


Andy Ulfich

517 So. West Street
Stillwater, MN 55082

EX PARTE OR LATE FILED

The Honorable Paul Wellstone
United States Senate
Washington, D.C 20510

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MAR 16 1993

1031 Topping
St Paul, MN 55103
February 12, 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

1993 MAR -1 PM 4:14 RECEIVED

The Honorable Paul Wellstone
United States Senate
Washington, DC 20510

MAR 16 1993

Dear Senator Wellstone

FCC - MAIL ROOM

I am very concerned about proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is PR Docket 92-235. If adopted, the new rules will greatly reduce the usability of frequencies currently assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

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I do not think it is wise of the FCC to seek to improve the operating conditions of land mobile radio users at the expense of radio control modelers. The FCC may not think we are as important as business users of radios, but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself and contributes to the advancement and development of the commercial aviation industry.

Please help me to continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 72-76 MHz band.

Sincerely,

Roger Baas

Roger Baas

1031 TOPPING
ST PAUL 55103

EX PARTE OR LATE FILED

The Honorable Paul Wellstone
702 Hart Bldg
Washington D.C. 20510

Feb 9, 1993
RECEIVED

MAR 16 1993

Dear Senator Wellstone:

1993 MAR -1 PM 4:06

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

I have been interested in airplanes and the radio controlled (R/C) airplane hobby since I was a teen. Only recently have I become an active participant due to the cost of obtaining radios, engines, airplanes, and other field equipment. I have two sons who have joined me in this hobby. I also belong to a local club whose members enjoy constructing and operating R/C airplanes. Now it appears that the hobby and our investments could be taken away from us.

I am very concerned about the proposed rules that are currently under consideration by the Federal Communications Commission (FCC). The proceeding is **PR Docket 92-235**. If adopted, the new rules will greatly reduce the usability of frequencies assigned for model use and increase the risk of accidents and attendant liability for controlling model airplanes.

Our R/C frequencies are in the 72- 76 Mhz band. This band is primarily used for private land mobile dispatch operations. However, our R/C frequencies in this band are far enough apart from the land mobile frequencies that we have been able share the band without either use interfering with the other.

Now the FCC wants to create more land mobile frequencies by splitting them into narrower bandwidths and rearranging the band plan. As a result, many land mobile frequencies will move closer to the R/C frequencies and interfere with R/C operations. I am told that of the 50 frequencies that are available for R/C airplanes, only 19 will be left if these new rules are adopted.

When we fly our airplanes, we go to great lengths to assure the safety of the operators and bystanders and the protection of property. Many of our safety precautions involve the careful coordination and use of the R/C frequencies. If the number of usable frequencies is diminished, not only will there be a considerable financial loss to those of us who own radios that will be unsafe, but the usable frequencies will be congested and the margin of safety greatly reduced.

Please understand that many model airplanes can have wing spans from 5 to 10 feet and weigh as much as 30 or 40 pounds. The models are expensive and time consuming to build; but more to the point, they can cause property damage, injury or death if radio interference causes the operator to loose control of the craft.

I do not think it is wise of the FCC to improve the operating conditions of land mobile radio users at the expense of R/C modelers. Our hobby has been growing drastically; if anything we need more not fewer frequencies. The FCC may not think we are as important as business users of radios but we have a considerable investment in our models and in our radio equipment. The hobby provides many hours of enjoyment to thousands of people like myself.

Please help me continue the safe enjoyment of my pastime by not allowing the FCC to carry out its proposals for the 71 - 76 Mhz band.

Sincerely,



Ronald Forman
305 3rd st NE (P O B 747)
Byron, Mn 55920

EX PARTE OR LATE FILED

RECEIVED

MAR 16 1993

February 10, 1993

To: Senator Paul Wellstone
702 Hart Building
Washington DC 20510

1993 MAR 12
FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY
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MAR 16 1993

FCC - MAIL ROOM

Subject: Proposed FCC NPRM - PR Docket 92-235

The Federal Communications Commission (FCC) is proposing new rules that, if implemented, *will cause severe safety problems* in the hobby in which I participate. This proposal is known as PR Docket 92-235.

If implemented, this proposed action will undo many years of work, just concluding, that allowed the Radio Control (R/C) hobby to implement more safe and reliable equipment on new radio frequencies. This update cost tens of thousands of R/C hobbyists one hundred to over a thousand dollars each to convert to upgraded equipment. (The R/C hobby is supported by hundreds of small to medium sized businesses. A current hobby catalog I use has nearly 300 pages of R/C related items listed.)

The nature of the safety problem is as follows: The FCC is proposing to define 4 *new* mobile radio frequencies *between* many of the current R/C frequencies. These frequencies are in the 72 to 75 Mega Hertz (MHz) bands. Equipment to be used on these new frequencies would also be allowed to be up to four times as powerful as the R/C equipment. Even worse, the technical specification for the new equipment would allow legal interference with the R/C frequencies.

The bottom line of all this is that this would cause airborne vehicles of 3 to 50+ pounds, traveling at 45 to 100+ miles per hour to go out of control. Obviously, this would be very dangerous for participants and spectators. No responsible person could continue to operate R/C equipment under those conditions.

I am asking that you do what you can to persuade the FCC to withdraw their PR Docket 92-235. The FCC either has not done their homework on this one or is totally insensitive to the safety issues involving users of currently defined radio frequencies. The probable effect on future

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OFFICE OF THE SECRETARY

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MAR 16 1993

FCC - MAIL ROOM

My hobby is constructing and operating Radio Controlled Model Airplanes. I derive many hours of enjoyment with our local club, Minnesota Valley R.C., in Shakopee, Minnesota.

My concern is the proposed rule changes that are currently under consideration by the FCC. The proceeding is PB DOCKET 92-235. If

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MAR 16 1993

1993 MAR -1 PM 3:58

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

February 12, 1993

Senator Paul Wellstone
U.S. Senate
Washington, D.C. 20510

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MAR 16 1993

Dear Senator Wellstone

FCC - MAIL ROOM

My hobby is constructing and operating Radio Controlled Model Airplanes. I derive many hours of enjoyment with our local club, Minnesota Valley R.C., in Shakopee, Minnesota.

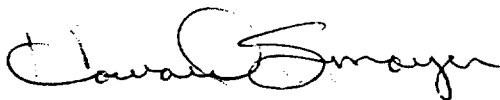
My concern is the proposed rule changes that are currently under consideration by the FCC. The proceeding is PR DOCKET 92-235. If adopted, the new rules will greatly reduce the usable frequencies for model planes, and greatly increase the risk of accidents.

Our present flying field is about 1/2 mile from Valley Fair and highway 101. Models have up to 10 foot wing spans, and weighing up to 30 pounds. Pylon planes reach speeds of 170 miles per hour. The models are expensive to build; but more important, they are capable of causing property damage, serious injury, or even death if radio interference causes the operator to lose control.

Since the proposed new frequencies are so close, interference will occur. I believe this will be death of the hobby for millions of enthusiast across the United States. It will also greatly effect the hobby stores, distributors, and manufactures, rendering many out of business.

I urge you to vote against any attempt to pass PR Docket 92-235. Please write me at address below to inform me on how you will vote.

Sincerely,



HOWARD SMOYER
7686 170TH ST. W.
LAKEVILLE, MN 55044

DEAR SENATOR. WELLSTONE, MAR 16 1993

EX PARTE OR LATE FILED

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

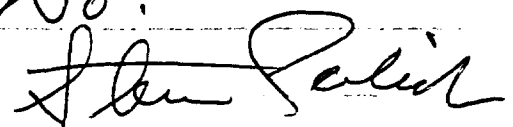
(39 YRS.

I AM A REPUBLICAN LIVING IN
BLOOMINGTON MINN. I ENJOY FLYING
RADIO CONTROLLED AIRCRAFT. MY
CHILDREN AS WELL AS CHILDREN IN
THE NEIGHBORHOOD LOVE TO WATCH
WHEN I FLY. THE PLANES I
FLY ARE KIT PLANES. I BUILD
THEM MYSELF - IT'S A GREAT HOBBY.
I HAVE LEARNED MUCH FROM IT AND
AM VERY PROUD OF MY AIRCRAFT.
YOU CAN IMAGINE THE TIME AND
MONEY INVESTED IN MY PLANES.
THATS WHY I AM WRITING YOU -

PLEASE VOTE NO ON PR DOCKET
92-235. IF PASSED THE ^{RADIO} FREQUENCIES
CURRENTLY ASSIGNED TO MY HOBBY WILL
BE REDUCED. THIS WILL
INCREASE DRAMATICALLY THE CHANCE
OF INTERFERENCE ON MY RADIO WHILE
MY PLANE IS IN THE AIR - THIS WILL
CAUSE IRREPAIRABLE DAMAGE.

AGAIN - PLEASE DONT LET THE FCC HAVE
THE USE OF THE 72-76 MHz BAND
CHANGED - VOTE NO.

STEVE PERUCH
6306-1ST AVE S.
BLOOMINGTON, MN 55420



THE ORIGINAL COPY OF THIS LETTER WENT TO MR. DURENBERGER

EX PARTE OR LATE FILED

720 39th Ave
Winona MN 55987
Feb 13 1993

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MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

1993 MAR -1 PM 3:51
Senator P. Wellstone

United States Senate
Washington DC

Dear Senator:

I am writing to express my concern about the Federal Communication Commission Notice of Proposed Rulemaking (NPRM-FR Docket 92-235) which would have a profound effect on the radio frequencies used by those active in the hobby/sport of Radio Control miniature aircraft and surface vehicles.

Without being too technical, the proposed allotment to the land mobile service would be so close to the current R/C frequencies so as to pose a serious safety hazard.

Additionally, the proposal would allow radio transmitters of several times the power of those used by modelers and would be "mobile" so the modeler could never know

if an interfering Transmitter ^{Page}
is near by.

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MAR 16 1993

FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

The radio channels used
modelers were just recently
restructured (in 1987 and 1991)
so as to improve Technical Standards.
This at considerable expense for
purchase of new equipment and/or

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

1993 MAR -1 PM 3:48

583 Prairie Circle East
Eagan, MN 55123
February 11, 1993

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MAR 16 1993

FCC - MAIL ROOM

Senator Paul Wellstone
154 Russell Office Bldg.
Washington, DC 20510

Dear Senator Wellstone:

SUBJECT: PR Docket 92-235

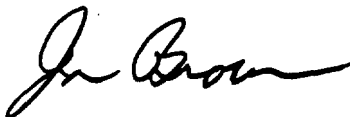
Please stop PR Docket 92-935. This proposed rule would significantly affect my favorite sport, model aircraft flying.

This rule would greatly increase the danger of losing control of a model with no warning. Lose in control may result in personal injury or property damage.

I am an aircraft engineer and cannot afford to own a full size airplane. The regulations imposed by the government and high costs due to liability insurance have made owning an airplane impossible, except for the wealthy. Model aircraft is my only outlet.

Please protect this part of aviation. It's the only flying left a normal working person can afford. Thank you.

Sincerely,



Jon Brown